

Headquarters U.S. Air Force

Integrity - Service - Excellence



Air Force GCCS

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Agenda

- **Background/Introduction**
- **Current Funding Status**
- **System Architecture**
- **DII COE Synchronization**
- **Top Air Force Issues**



Air Force GCCS Today

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- **USAF does not have a separate Service GCCS acquisition program**
- **USAF fields the Joint GCCS baseline to USAF-supported sites (5 CINCs and all USAF sites)**
 - **USAF JOPES feeder system added to Joint baseline**

Joint GCCS

JOPES, GSORTS, I3

Common Baseline I/F

Common, Interoperable, Hardware Independent Mission Applications Used Jointly by CINC's and Services Running on a Common Infrastructure (COE, Security Model, etc.)

AF GCCS

Joint GCCS +
COMPES, AIM NT

Common Baseline I/F

Common, Interoperable, Hardware Independent Joint and AF-Unique Mission Applications, Running on Common GCCS Infrastructure

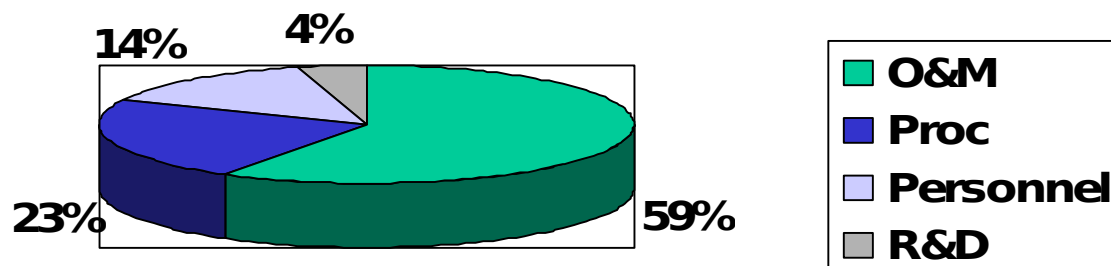


Air Force GCCS Funding

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Virtually all USAF funding goes toward fielding, training and maintenance of the infrastructure

- **Operations & Maintenance**
 - **CINC and USAF support including Guard and Reserve**
- **Procurement**
 - **Infrastructure (new equipment, tech refresh, software licenses)**
- **RDT&E**
 - **DII COE support; integration of JOPES feeder system**





System Architecture

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■ **Technical Architecture**

- **Platforms: Unix and NT-based, Standard peripherals**
- **Secret Connectivity (SIPRNET)**
- **Software**
 - **Managed by a Joint Configuration Control Board**
 - **Licenses provided centrally**
 - **DII COE Compliant (v3.1)**

■ **Operational Architecture**

- **Joint COP Working Group - requirements (AF/XOR is AF POC)**
- **COP Technical Working Group (AFMC/ESC is AF POC)**
- **Joint Force Projection Working Group (AF/XOX is AF POC)**
- **GCCS/TBMCS/GCSS-AF architecture synch effort (ESC Chairs)**



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DII COE Synchronization

- **AF needs a more up-to-date DII COE release to support GCCS operations and way ahead**
 - **AF/CINC site administrators challenged to do system maintenance with 3+ year old DII COE 3.x software components**
 - **Some of latest Sun HW will not run the Sun OS in DII COE 3.x - limits tech refresh options**
 - **AF migration programs targeted to operate with newer DII COE 4.x components**
- **AF specific applications on individual schedules**
 - **Integration into GCCS-AF based on funding availability**



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AF GCCS - Top Issues

- **Better Service/Joint synchronization of DII COE baseline**
 - **One size does NOT fit all C2 systems**
- **Joint GCCS is not a Web-enabled architecture**
 - **AF C2 Vision/Implementation is to Web enable applications**
 - **AF is already headed down this path (TBMCS, GCSS-AF)**
- **Improved interoperability and information exchange among AF, Joint, and Coalition forces**
- **To integrate required aerospace applications and develop common Combat Support/Combat Operations framework requires additional funding**



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Questions?